

AMENDMENTS TO THE CLAIMS

Claims 1-8. (Canceled)

9. (New) Catalytic process for the dehydrogenation of an organic compound comprising contacting the organic compound under dehydrogenation conditions with a supported catalyst consisting of nickel as the active catalytic component promoted with silver or gold, the silver or gold being present in an amount between 0.001% and 30% by weight calculated on the amount of nickel in the catalyst.

10. (New) The process of claim 9, wherein the support is alumina, titania or a magnesium aluminum spinel.